

A NEW SPECIES OF BAUHINIA FOR THE FLORA OF SAO PAULO

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BAUHINIA HERMESIANA N. Mattos sp. n. - Arbor aculeata circiter 10 m alta (ex collector). Ramuli terminales teretes pilis brevibus cinereis adpressis dense obtecti deinde castanescentes et minute lenticellosi. Folia alterna petiolis junioribus dense et breviter adpresso-cinereo-pilosis deinde glabrescentibus castanescentibus vel purpurascenscentibus, ad extremitatem paulo incrassatis et sulcatis, usque 3 cm longis, lamina usque 6,5 cm longa et 9,5 cm lata, fere coriacea, ambitu triangulari vel late triangulari, 9- palmatim nervata basi late truncata interdum leviter retusa, nervo marginali cincta, in medio vel paulo supra medium bilobata, lobis oblique triangularibus, apice retusis vel breviter obtuse acuminatis, supra nervo mediano interdum laxe piloso excepto glabra, viridi et nitidula, subtus flavo-viridescenti et opaca, ad nervos secundarios et nervulos laxe vel laxissime pilosa vel glabra, ad nervos primarios superne plusminusve pilosa basim versus praecipue in conjunctione dense rufescenti pilosa, nervis tribus centralibus rectis vel fere rectis reliquis arcuatis, supra prominulis et flavo-brunescentibus, subtus prominentibus. Racemi terminales breviter pedunculati dense adpresso-cinereo-pilosi, pluriflori. Alabastra elliptico-lanceolata, apice obtuso-apiculata. Flores pedicello cc. 12 mm longo dense minute fulvo-sericeo-piloso, plusminusve in medio vel paulo infra apicem bracteolis 2 alternis vel oppositis ovato-oblongatis basi incrassatis extus fulvo-sericeo-pilosis intus glabris 1,5 mm longis cito caducis intructo, calice 1,2-1,7 cm longo, extus dense minute et adpresse fulvo-sericeo-piloso, intus glabro, inferne breviter stipitiformi attenuato, superne in dentes 4 inaequales triangulares irregulariter rumpenti, dente uno bidenticulato, petalis 5 vexillo flavescenti excepto albis, distincte brunneo-nervatis, extus pilis albis longis sparse obtectis, intus glabris, inferne in unguem longum angustatis, unguis 0,8-1,2 cm metientibus, laminis paulo inaequalibus, ambitu late obovatis usque obovato-rotundatis, maioribus 3,5 cm longis et 2,8-3,2 cm latis, minoribus 2,7-3,2 cm longis et 2,3-2,5 cm latis, staminibus 10 inaequilongis, maiore 4 cm minore cc. 2,7 cm longo, antheris linearibus 3,5-4,5 mm longis et 1,5 mm supra basim affixis, ovario oblongo dense subadpresse piloso 6 mm longo stipite 4-5 mm longo dense adpresso-piloso suffulto, stilo 9 mm longo inferne piloso.

Typus: Hermes M. de Souza s.n.

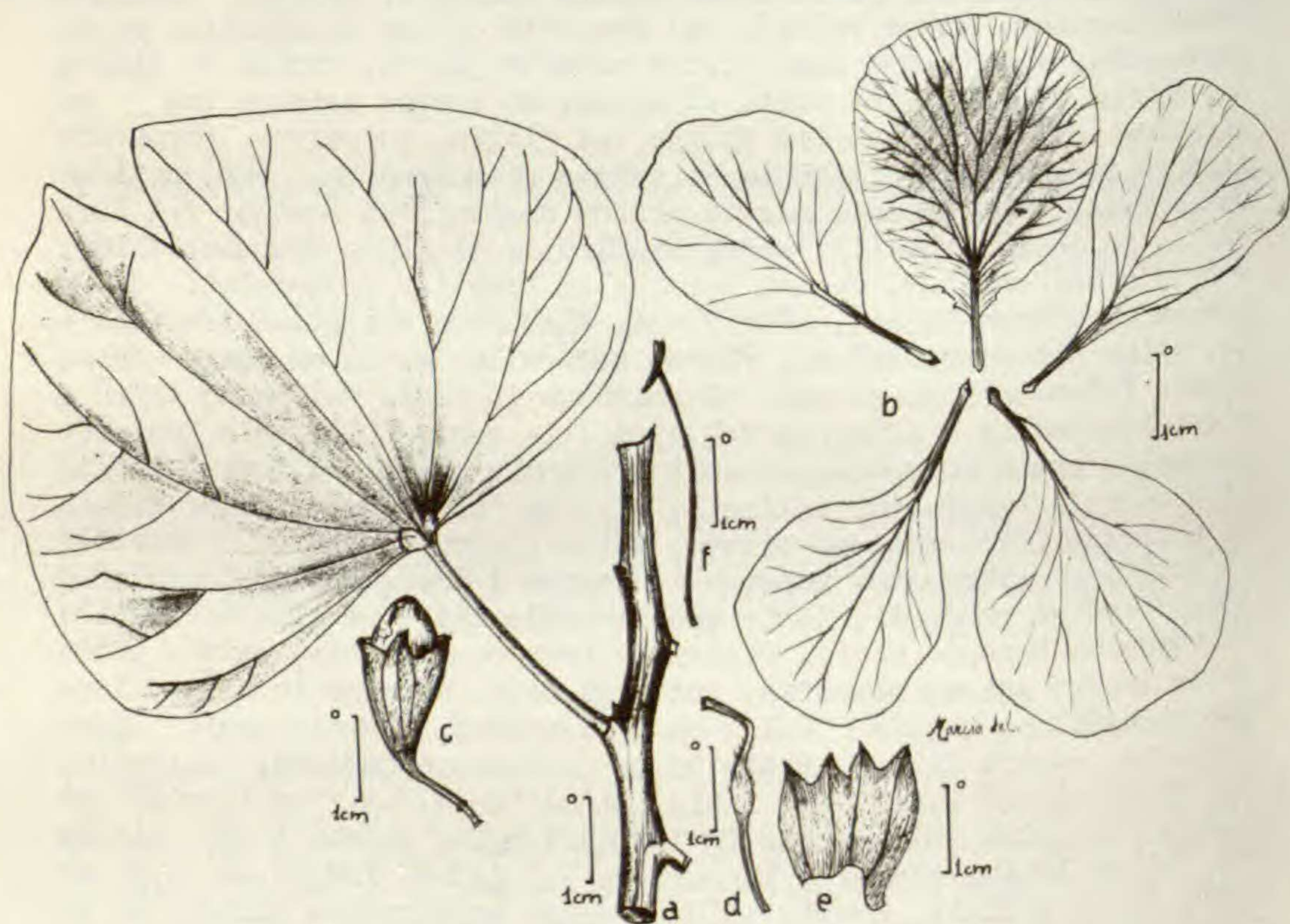
BRASIL - Estado de São Paulo: Município de Pereiras, entre Conchas e Pereiras, Fazenda São Luiz, 2/III/1964. "Na mata secundária. Árvore de mais ou menos 10 m de altura. Flores brancas com o estandarte amarelo". Hermes M. de Souza s.n. (SP 80242. HOLOTYPE).

In this work we present a new species of the genus Bauhinia,

of the Family Leguminosae. A species was sent to us by our colleague, Hermes Moreira de Souza, of the Instituto Agronômico de Campinas, together with other species to be identified. The specimen of the genus Bauhinia called our attention, since it seems different from the species already known and frequently identified for the State of São Paulo. After an extensive bibliographic research, we reached the conclusion that we had a new species of the genus.

The name was chosen in honor of the collector, Agronomist Engineer Hermes Moreira de Souza.

We take the opportunity to give the biologist Mr. Oswaldo Handro many thanks for the Latin diagnosis.



Bauhinia hermesiana N. Mattos.- a) stem with leaf; b) petals; c) floral bud; d) gynecium; e) calyx; f) stamen.